

Table 4-12
Estimated Areas and Volumes of Hot Spot Locations
Non-Tidal Wetland Areas Alternative 2
Investigation Area H1 Feasibility Study
Mare Island, Vallejo, California

| Hot Spot Location | Sample Location(s) | Area (ft ²) | Depth of Contamination (ft bgs) | Estimated In Situ Volume (ft ³) | Estimated In Situ Volume (CY) | Estimated Ex Situ Volume* (ft ³) | Estimated Ex Situ Volume* (CY) | Estimated Ex Situ Weight** (Tons) |
|------------------------------------|--------------------|-------------------------|---------------------------------|---|-------------------------------|--|--------------------------------|-----------------------------------|
| Northwest Dump Road Wetland | | | | | | | | |
| | IR01HA018 | 2,500 | 4 | 10,000 | 375 | 11,500 | 430 | 645 |
| West Subarea (Pond 1) | | | | | | | | |
| | IR01GB121 | 2,500 | 8 | 20,000 | 745 | 23,000 | 855 | 1,285 |
| Wetland A | | | | | | | | |
| | FF-SB06 | 2,500 | 4 | 10,000 | 375 | 11,500 | 430 | 645 |
| TOTALS: | | | | 40,000 | 1,495 | 46,000 | 1,715 | 2,575 |

Notes:

* - Ex situ volume assumes +15% to account for expansion and over-excavation of soil/sediment.

** - Assumes 1 CY of soil/sediment = 1.5 tons.

bgs - below ground surface

ft - feet

ft² - square feet

ft³ - cubic feet

CY - cubic yards